WHAT IS CLAIMED IS:

1. A method for testing chip configuration settings, comprising the steps of:

   providing a main board including a chip to be tested therein;

   providing a BIOS program including a configuration test process therein;

   starting power;

   performing a power on self test;

   loading said BIOS program; and

   testing the configuration settings in a configuration space of said chip.

2. The method according to Claim 1, wherein said configuration test process included in said BIOS program comprising the steps of:

   providing a test datum;

   providing an expected result datum corresponding to said test datum;

   inputting said test datum;

   enabling a register corresponding to said chip configuration space depending on said test datum;

   obtaining a result datum after operating of said chip; and

   comparing said obtained result datum with said expected result datum.

3. The method according to Claim 2, further comprising a step of recording said comparison result.

4. The method according to Claim 3, further comprising a step of generating a difference report.

5. The method according to Claim 1, wherein said configuration test process included in said BIOS program comprising the steps of:

   providing at least one sets of test data;

   providing at least one sets of expected result data corresponding to said test data;

   inputting said test data;

   enabling a register corresponding to said chip configuration space depending on said test data;

   obtaining corresponding result data after operating of said chip in accordance with said test data; and

   comparing said obtained result data with said corresponding expected result data.

6. The method according to Claim 5, wherein said test data are implemented in the form of a data table list.

7. The method according to Claim 5, wherein said expected result data are implemented in the form of a data table list.

8. The method according to Claim 5, further comprising a step of recording said comparison results.

9.   The method according to Claim 8, wherein said records of comparison results are implemented in the form of a data table list.

10. The method according to Claim 9, wherein each of said records of comparison results includes a result and difference obtained from said comparison.

11. The method according to Claim 5, further comprising a step of generating a test report.

12. The method according to Claim 10, further comprising a step of generating a difference report.